1/2/01

| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|
| FEE DETERMINATION         |          |        |          |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | Min      | (7)    | 01-12-00 |  |  |  |  |  |
| FORMALITY REVIEW          | -78      | TC813  | 11-25-01 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 20       | 1074   | 05/16/8/ |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ✓ Rejected                   | N Non-elected  |
|------------------------------|----------------|
| = Allowed                    | I Interference |
| — (Through numeral) Canceled | A Appeal       |
| ÷ Restricted                 | O Objected     |

| Claim  |           | Cla             | im            | 7                   | <u> </u>     |  |          | Da           | ite      | _       |              |   |          |              | Cla      | im            | Ĝ  |          |          |          | Date      | •        |          |           |               |          |   | Clai          | m             |                 | _ |  | Dat          | e        |          | _        |   | _             |
|--|-----------|-----------------|---------------|---------------------|--------------|--|----------|--------------|----------|---------|--------------|---|----------|--------------|----------|---------------|--|----------|----------|----------|-----------|----------|----------|-----------|---------------|----------|---|---------------|---------------|-----------------|---|--|--------------|----------|----------|----------|---|---------------|
| \$\begin{array}{c c c c c c c c c c c c c c c c c c c  |           | $\neg$          | _             | 1                   | 1            |  |          |              |          | Ī       | T            | T   | T        |              |          |               |  |          | $\Box$   | T        | $\exists$ | $\Box$   | $\Box$   |           | T             |          | Γ | T             | ايم           |                 |   |  |              |          | $\Box$   | T        |   |               |
| S  |           | <u></u>         | ig.           | /                   |              |  |          |              |          |         |              |   | 1        |              | 쿌        | ig            | /  |          |          |          | - [       |          |          | - 1       | -             |          |   | ᅙ             | Ē             | Ιİ              |   |  |              |          | }        | - 1      |   | ı             |
| 102  |           | [년              | ŏ             | 1                   | 1            |  |          |              |          |         |              |   |          |              | ιĒ       | ō             |  |          |          |          |           | $\perp$  |          |           |               |          |   | ᇤ             | ŏ             |                 | _ |  |              |          |          | _1       |   |               |
| S  | T         |                 |               | ٠                   |              |  |          |              |          | T       |              |   |          | 7            | L        |               | ż  |          |          |          |           | $\perp$  |          |           |               |          |   |               |               |                 |   |  |              |          |          |          |   |               |
| 1  | •         | 囗               | 2             | ,                   |              |  |          |              |          |         | Τ            |   |          | _            |          |               | ,  |          |          |          |           |          |          |           |               |          | L |               |               | Ш               |   |  |              |          |          |          |   |               |
| S  |           | Π               | 3             | T                   |              |  |          |              | Τ        |         |              |   |          |              |          |               |  |          |          |          |           |          |          |           |               |          | Ĺ | ŀ             | 103           |                 |   |  |              |          |          |          |   | :             |
| 6  | 1         |                 | 4             |                     |              |  |          |              | Ι        |         | T            | $\perp$   |          | 1            |          |               | L  |          |          |          |           | $\Box$   |          | $\Box$    |               | $\Box$   |   | $\rightarrow$ | $\overline{}$ |                 |   |  |              |          |          |          |   | _             |
| 7  | _         |                 | 5             | Ц                   |              |  |          |              | L        | $\perp$ |              | ┸   |          |              | L        |               |  |          |          |          |           |          |          |           |               |          | L | _             | $\rightarrow$ | Ш               | · |  |              |          |          |          | _ |               |
| S   SS   SS   SS   SS   SS   SS   SS   | 1         |                 |               |                     |              |  |          |              |          | ┸       | ┸            | _   |          |              |          |               |  |          |          | _        |           | _        | _        |           | _             | _        | 1 |               |               |                 |   |  |              |          |          |          |   | -             |
| 1   10   | 1         |                 |               | Ц                   | _            |  |          |              | L        | ┸       | $\perp$      | <u>'                                       </u> |          | Į            |          |               | L  |          | _        |          |           | _        |          | _         | _             | _        |   | _             |               |                 | _ |  |              |          |          |          |   | _             |
| 1 10   | -         | Ľ               | 8             | Ц                   | L            |  |          |              | L        | $\perp$ | $\perp$      | $\perp$   | <u> </u> | <del> </del> | <u>_</u> |               | L  |          | $\dashv$ |          | _         | _        | _        |           | _             | _        | - |               |               | Ш               | _ |  |              |          |          |          | _ |               |
| 111  |           | Ш               |               | Ц                   | _            | <u>L</u>   | ┖        |              |          | ┸       | 4            | _   |          |              |          | $\overline{}$ | 1  | $\Box$   | _        |          |           | _        | _        |           | _             | _        | L | _             |               |                 | _ |  |              |          |          |          | _ | -             |
| 12   |           |                 |               | Ц_                  |              |  | ļ        | _            | $\perp$  | _       | 4            | $\downarrow$                                    | $\perp$  | _            | Ļ        |               | 1  |          | 4        | 4        | _         | _        | _        | _         | _             | _        | - |               |               | Ш               | _ |  |              |          | _        |          |   | _             |
| 13   |           | Ш               |               | 1                   | <u> </u>     |  | ╙        | <u> </u>     | _        | 4       | _            | 4   | _        |              | <u> </u> |               | 1  |          | _        | $\dashv$ | _         |          |          |           | _             | _        | 1 | $\rightarrow$ | _             | Ш               | _ | _  | _            |          |          | _        | _ | -             |
| 14   |           |                 |               | L                   | <u> </u>     | <u> </u>   | ↓_       | <u> </u>     | 1        | - -     | 4            | $\bot$  | 4        |              |          |               | _  |          | $\dashv$ | 4        |           | -1       | _        |           |               |          | - |               |               |                 | _ |  | L            |          |          |          |   | <u> </u>      |
| 15   |           | Ш               |               | 4                   | ┞-           | <u> </u>   | ┡        | $\vdash$     | +        | +       | 4            | -   | -        |              | _        | _             | <u>.                                    </u> |          | _        | 4        | _         |          |          |           | $\dashv$      | 4        | - | -             | _             |                 | _ | _  | H            | Н        | $\dashv$ | $\dashv$ |   |               |
| 16   |           | Ш               |               | Щ                   | _            | _  | ļ        | ↓_           | 4        | +       | +            | $\bot$  | $\perp$  |              | <u> </u> | _             |  |          |          |          | -         | 4        | 4        | _         | $\dashv$      | 4        |   |               |               | $\vdash \vdash$ | - |  | $\vdash$     | $\sqcup$ |          |          |   | -             |
| 17   |           |                 |               | Ц.                  | <del> </del> | -  | $\vdash$ | 1            | $\perp$  | 4-      | 4            | +   | -        |              | <u> </u> |               |  | $\sqcup$ | _        |          | -         | 4        | 4        | _         |               | 4        | - |               |               | $\vdash \vdash$ | _ |  |              |          | -        | -        |   |               |
| 18   |           | <del>ا</del> نا | -             | Н                   | <del> </del> | <b> </b>   | 1        | $\vdash$     | $\perp$  | +       | 4            | +   | +        | 1            |          |               |  | $\sqcup$ | _        | $\dashv$ | _         | -        |          |           | _             | $\dashv$ | - |               |               | $\vdash \vdash$ |   | -  | <u> </u>     | $\vdash$ | -1       | -        | _ | $\vdash$      |
| 19   |           | Н               |               | Н                   | ╙            | ┞  | ┞        | ـ            | +        | 4-      | 1            | +   | +        |              |          | _             |  | -        |          | $\dashv$ | $\dashv$  | -        | -        | $\dashv$  |               |          | ŀ | $\rightarrow$ | _             |                 |   |  | ├            |          |          |          | _ | -             |
| To   To   To   To   To   To   To   To  | 1         |                 | -             | Н                   | ╄            | <u> </u>   | ┞        | ╄            | +        | +       | - -          | +   | +        |              |          |               |  |          |          |          | -         | $\dashv$ | -        | $\dashv$  | $\rightarrow$ |          | - |               |               | $\vdash$        |   |  | ⊢            | _        | $\dashv$ | $\dashv$ | _ | -             |
| 21   | - 1       | $\vdash$        | L             | H                   | $\vdash$     | <u> </u>   | 1        | ┺            | ╀        | +       | +            | ╀   | +        |              | <u> </u> |               |  | $\Box$   |          | -        |           | A        | -        |           | -             | -        | } | _             |               |                 |   |  | ⊢            | -        | $\dashv$ |          |   |               |
| 22   3   122   123   122   123   124   124   124   124   124   124   124   125   126   126   126   126   126   126   126   126   127   127   127   127   127   127   128   129<  | - 1       |                 | _             | Ц                   | Щ.           | L  | <u> </u> | ╙            | ┸        | ┵       | $\perp$      | $\perp$   |          |              | L        |               |  | Ш        |          |          |           | 1        | _        |           | _             | _        | - | $\rightarrow$ | _             | Ш               |   |  | ļ            |          |          | _        |   |               |
| 23   |           |                 | _             | Ц                   | L            | _  | L        | ┖            | <u> </u> | _       |              | _   |          |              | <u> </u> |               |  | Ш        |          |          | _         |          |          |           |               | _        | 1 | $\overline{}$ | _             |                 | _ | _  | <u> </u>     |          | $\Box$   | _        | _ | L             |
| 24     74     124       25     75     126       26     76     126       27     77     127       28     78     128       29     129     129       30     80     130       31     81     131       32)     82     132       33     84     134       35     85     135       36     86     136       37     88     138       38     88     138       39     89     139       40     90     140       41     91     141       42     93     142       43     93     144       44     94     144       45     95     145       46     97     147       48     98     148       48     99     148       48     99     148       100  | -1        | Ш               |               | Ц                   | <u>Ļ</u>     | 匚  | L        | 1            | Ļ        | 4       | $\downarrow$ | 4   |          |              | <u> </u> |               |  | $\Box$   |          | _        | _         | _        | _        | 4         |               | _        | - |               |               |                 |   |  | <u> </u>     |          |          | _        |   | <u> </u>      |
| 25   | - 1       | Ш               | _             | Ц                   | ŀ            |  | <u> </u> |              | 1        | 4       | 4            | 1   | _        |              | ╙        |               |  | -        |          |          |           | _        | _        |           |               |          | - |               |               | Ш               |   |  | <u> </u>     |          |          |          | _ | -             |
| 26   76   126     27   77   77     28   78   128     29   79   128     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     35   86   136     37   87   137     30   88   136     39   89   139     40   90   140     41   91   141     42   92   142     43   93   142     44   94   144     45   95   145     46   96   146     47   99   149     48   99   149     1   149   149     1   150   150   |           | Ш               | _             | Ц                   | ↓            | <u> </u>   | ╙        | $\perp$      | 4        | 4       | 4            | 4-  | _        |              |          |               |  |          |          | _        |           | _        | $\dashv$ | 4         | $\vdash$      | 4        | - | $\rightarrow$ |               | $\vdash \vdash$ |   |  | <u> </u>     | Ш        | -        | -        | _ | <u> </u>      |
| 27   | - 1       | Ш               |               | Н                   | ↓_           | ┞  | <u> </u> | ╄            | ╀        | 4       | $\downarrow$ | _   | ┿-       | ļ            | <u> </u> |               |  | $\Box$   | -        |          | -         |          |          | -         | H             | 4        | ŀ | -             | _             | $\vdash$        |   |  | <u> </u>     |          |          | $\dashv$ | _ | $\vdash$      |
| 128  | - 1       | _               |               | Н                   | <del> </del> | ↓  | ╁        | <del> </del> | ╀        | +       | +            | +   | +        |              | <u> </u> |               |  |          |          | $\vdash$ | -         | $\dashv$ |          |           | -             | $\dashv$ | } |               |               | Н               |   | _  | -            | -        | -        | $\dashv$ | _ | H             |
| 129  | - 1       | Н               | -             | H                   |              | ļ  | ├-       | -            | +        | +       | +            | +   | +        | 1            | ⊢        |               |  |          |          | $\dashv$ | -         | $\dashv$ |          | -         |               | $\dashv$ | - |               |               | Н               |   |  | _            |          | $\vdash$ | $\dashv$ |   |               |
| 30   | - 1       |                 |               | H                   | 1            | -  | ╀        | 1            | +        | +       | +-           | +   |          | 1            | ⊢        |               | _  |          |          |          | $\dashv$  | $\dashv$ | $\dashv$ | _         | -             | ႕        | ŀ | $\rightarrow$ |               | Н               |   | H  | -            |          |          | -        |   | -             |
| 31   |           |                 | _             | ╀                   | ┿            | ├  | ┼-       | +-           | +        | +       | +            | +   | ┿        | ł            | -        |               | _  | Н        |          | $\dashv$ |           | -        |          | -         | $\dashv$      | 4        | - |               |               |                 | _ | H  | ┝            | _        | -        | $\dashv$ |   | $\vdash$      |
| 32   | -         | <u> </u>        |               | ╁                   | ┿            | ⊢  | ╂        | ┼            | ╁        | ╁       | +            | +   | +        | ł            | -        |               | _  | Н        |          | $\dashv$ | ᅱ         |          |          | -         | $\dashv$      | $\dashv$ | - | $\rightarrow$ | $\rightarrow$ | Н               |   | -  |              | _        | $\vdash$ |          | _ | -             |
| 33   |           | ļ               |               | H                   | ┼-           | -  | -        | ╁            | +        |         | +            | +   | +        | 1            | _        |               | _  | Н        | -        |          | $\dashv$  | -        |          |           | -             | ᅱ        | ŀ |               |               | Н               |   | ┢  |              |          | -        | $\dashv$ | _ | -             |
| 34   84   134     35   86   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   149     1   100   150  |           | H               |               | <del> </del>        | ╀            | ┢  | ╁        | ╁            | ╁        |         | +            | +   | +        | ł            | _        |               |  | -        | -        | $\dashv$ |           | $\dashv$ | -        |           | -             | $\dashv$ | ŀ |               |               | Н               |   | ┝  |              |          | $\vdash$ | $\dashv$ |   | H             |
| 35   | - 1       | $\vdash$        |               | ₩                   | +            | ⊢  | ╁        | ╫            | +        | +       | +            | +   |          | {            | -        |               |  | Н        |          |          | -+        | $\dashv$ | $\dashv$ | -         | $\vdash$      | 一        | ŀ | _             |               |                 |   | -  | <del> </del> | -        | -        |          | - | H             |
| 36   | <u></u> - |                 |               | H                   | +            | $\vdash$   | ╁        | +-           | ╁        | +       | +            | ╁   | +        | 1            | $\vdash$ |               | -  | Н        | $\vdash$ | $\vdash$ | $\dashv$  |          | $\dashv$ | -         | H             | $\dashv$ | ŀ |               |               | Н               |   | ┢  | <u> </u>     | H        | H        | -        | - | -             |
| 37   88   88   138   138   139   140   141   141   141   141   142   142   143   144   144   145   145   146   147   148   148   149   150   1 |           | <u> </u> -      |               | $^{\dagger\dagger}$ | $\vdash$     | +  | +        | +-           | ╁        | +       | +            | +   | +        | 1            | $\vdash$ |               | _  | Н        | $\vdash$ | $\vdash$ | $\dashv$  |          | -        | -         | $\vdash$      | $\dashv$ | ŀ |               |               | $\vdash$        |   | $\vdash$   |              | Н        | Н        | $\dashv$ | _ | Η             |
| 38   88   138     39   88   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     1   100   150  | T         | H               | -             | H                   | +            | $\vdash$   | 十        | +-           | +        | +       | +            | +   | +        | 1.           | H        |               | _  | H        | H        | Н        | $\dashv$  | ᅥ        | 寸        |           | $\vdash$      | $\dashv$ | ŀ | _             |               | Н               |   | $\vdash$   | Г            | П        | Н        | $\dashv$ |   | Т             |
| 39   | -         | 1               |               | H                   | +            | $\vdash$   | +        | +            | +        | +       | 十            | +   | +        | 1            | $\vdash$ |               |  | H        | Н        | $\vdash$ |           | -+       | $\dashv$ |           | Н             | ᅥ        | ŀ | $\rightarrow$ |               | $\vdash$        | _ | <del>                                     </del> | $\vdash$     | $\vdash$ | Н        | $\dashv$ | _ | Τ             |
| 40   |           | $\vdash$        | $\sim$        | H                   | ╁            | ┢  | +        | +            | +        | +       | +            | $\dagger$                                       | ╁        | 1            | _        |               | -  | Н        | Н        | $\vdash$ | $\dashv$  | $\dashv$ | -        | _         | Н             | ᅥ        | ŀ | _             | -             | П               |   |  | Г            |          |          | T        |   |               |
| 41 91 141   42 92 142   43 93 143   44 94 144   45 95 145   46 96 146   47 97 147   48 98 148   48 99 149   1 150 150  |           | Н               |               | H                   | 1            | $\vdash$   | 十        | 十            | +        | +       | $\dagger$    | +   | +        | 1            | H        |               | _  | Н        | Н        | Н        | $\dashv$  | $\dashv$ | $\neg$   |           | Н             | $\dashv$ | ŀ | $\rightarrow$ | -             | П               |   | Г  |              | П        |          |          |   | Γ             |
| 42   |           | $\vdash$        | _             | H                   | +            | +  | +        | ╁            | 十        | +       | +            | +   | +        | 1            | $\vdash$ |               |  | H        | Н        | $\vdash$ | -         | -        | $\dashv$ | _         | $\vdash$      | $\dashv$ | ŀ | $\rightarrow$ |               | $\vdash$        | _ | $\vdash$   | 1            |          | Н        | $\neg$   | _ | H             |
| 43   | ÷         | $\vdash$        |               | Н                   | +            | ╁  | ╀        | ╁            | +        | +       | +            | +   | +        | 1            | $\vdash$ | _             |  | $\vdash$ | Н        | $\vdash$ | -         | $\dashv$ | $\dashv$ | -         | $\vdash$      | ᅱ        | ŀ |               | _             | Н               | - | -  | $\vdash$     |          | H        | -        |   | H             |
| 94 144 145 145 146 147 148 148 149 150 100 150 150   |           | ┢               | 43            | Н                   | +-           | ╁  | ╁        | +            | +        | +       | ╁            | +   | +        | 1            | $\vdash$ |               | -  |          | $\vdash$ |          | $\dashv$  | -        | $\dashv$ |           | $\vdash$      | -        | ŀ | -             | 43            | $\vdash$        | _ | <del> </del>                                     | $\vdash$     |          | $\vdash$ | $\dashv$ |   | $\vdash$      |
| 46   |           | Н               |               | Н                   | ╁            | $\vdash$   | +        | +            | +        | +       | +            | +   | +-       | 1            | $\vdash$ |               |  | Н        | $\dashv$ | $\vdash$ | $\dashv$  | -        | -        |           | $\forall$     | $\dashv$ | ŀ | -             |               | Н               | - | <del>                                     </del> | $\vdash$     |          | Н        | -        | - | H             |
| 46   |           | (               | 45            | Н                   | +-           | $\vdash$   | +        | +            | +        | +       | +            | ╁   | +        | 1            | $\vdash$ |               |  | Н        | $\vdash$ | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$ |           | $\vdash$      | $\dashv$ | } |               |               | $\vdash$        |   | $\vdash$   | $\vdash$     |          | H        | $\dashv$ | _ | $\vdash$      |
| 47   | - 1       | H               | 46            | Н                   | ╁╴           | ┢  | ╁        | +-           | 十        | +       | +            | +   | +        | 1            | $\vdash$ |               |  | $\vdash$ | $\vdash$ | $\vdash$ | $\dashv$  | $\dashv$ | -        |           | $\dashv$      | $\dashv$ |   |               |               | $\vdash$        | - | $\vdash$   | _            | -        | $\vdash$ | ᅥ        |   | $\overline{}$ |
| 48   | <u></u>   | -               |               | Н                   | ╁            | $\vdash$   | ╁        | +            | 十        | +       | 十            | ╁   | +-       | 1            | $\vdash$ |               |  | H        |          |          | $\dashv$  | $\dashv$ | -        | 7         | $\vdash$      | $\dashv$ | - |               |               | $\vdash$        |   | $\vdash$   | -            | Н        | $\vdash$ | $\dashv$ | _ |               |
| 1 (50) 199 149 150   |           | -               |               | H                   | +            | +-   | +        | +            | ╁        | +       | +            | ╁   | +        | 1            | $\vdash$ |               | -  | Н        | $\vdash$ | $\dashv$ | $\dashv$  | ᅱ        | $\dashv$ | -         | $\dashv$      | ㅓ        | - |               |               | Н               |   | $\vdash$   | <del> </del> | -        | $\vdash$ | $\dashv$ |   | $\vdash$      |
| 1 (50) 100 150   |           | <b>—</b>        |               | H                   | H            | 1  | $\vdash$ | +            | +        | +       | +            | +   | +-       | 1            |          |               | -  | H        | -        | -        |           | ᅥ        | $\dashv$ |           | $\neg$        | $\dashv$ | ŀ | _             | _             | Н               |   | П  | $\vdash$     | П        | Н        | $\dashv$ |   | Г             |
| <del></del>  | T         | 7               | 50            | 1                   | 1            | <del>                                     </del> | 十        | $\dagger$    | +        | +       | +            | $\dagger$                                       | +        | 1            | T        |               | _  | П        | Н        | $\Box$   | $\dashv$  | 寸        | $\dashv$ | $\exists$ | H             | ᅥ        | ŀ |               |               |                 | _ |  |              | H        | П        | $\dashv$ |   |               |
|  |           |                 | $\overline{}$ |                     | ,            | _  | •        |              | _        |         | _            |   |          | -            |          |               |  |          |          |          |           |          |          |           |               |          | - |               |               |                 |   |  |              |          |          |          |   |               |

If more than 150 claims or 10 actions staple additional sheet here